

Converting Colors

$Yxy(34.2871, 0.3452, 0.3240)$

Have a look what the booklet for
Yxy(34.2871, 0.3452, 0.3240)
contains.

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Color

Yxy(34.3029, 0.3450, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	B89699
RGB	184, 150, 153
RGB Percent	72%, 59%, 60%
CMY	0.2784, 0.4118, 0.3999
CMYK	0.00, 0.18, 0.17, 0.28
HSL	355°, 19%, 65%
HSV	355°, 18%, 72%
XYZ	36.4251, 34.3029, 34.8519
YIQ	160.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

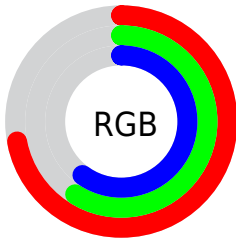
Format	Color
RYB	184, 150, 153
Decimal	12097177
CIELab	65.20, 13.17, 3.19
CIELCh	65, 13.553, 13.629
Yxy	34.3029, 0.3450, 0.3249
Android (android.graphics.Color)	4290287257 (0xFFB89699)
YUV	160.5080, -3.7014, 20.6025
Hunter-Lab	58.5687, 8.5176, 5.7169




Details

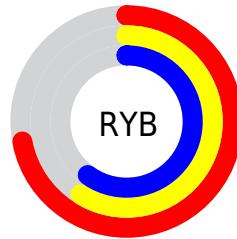
The Yxy color **34.3029, 0.3450, 0.3249** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0997, 0.2875, 0.3332**, and the grayscale version is **35.4128, 0.3127, 0.3290**.




A 20% lighter version of the original color is **66.2160, 0.3385, 0.3259**, and **14.7083, 0.3566, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **28.3703, 0.3687, 0.3225**, and if you desaturate by 10%, it is **41.2384, 0.3259, 0.3272**.

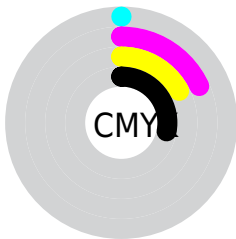
Distribution







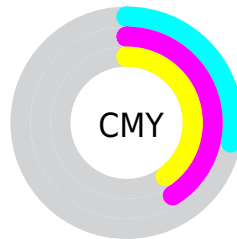
-  Red (72%)
-  Green (59%)
-  Blue (60%)






-  Red (72%)
-  Yellow (59%)
-  Blue (60%)



-  Cyan (0%)
-  Magenta (18%)
-  Yellow (17%)
-  Black (28%)





-  Cyan (28%)
-  Magenta (41%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.3029, 0.3450, 0.3249 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 34.3029, 0.3450, 0.3249 by changing the saturation by 10% instead.


 34.3029, 0.3450,
0.3249


 34.3029, 0.3450,
0.3249


321.4806, 0.3280,
0.3272

 23.1264, 0.3496,
0.3242


 66.4044, 0.3386,
0.3258

 14.6869, 0.3557,
0.3233


 88.0982, 0.3362,
0.3261

 8.5999, 0.3641,
0.3220


114.0666, 0.3343,
0.3264

 4.4812, 0.3768,
0.3198

144.6939, 0.3326,
0.3266

 1.9462, 0.3976,
0.3160

180.3646, 0.3312,
0.3268

 0.5759, 0.4701,
0.3115

221.4630, 0.3300,

 0.0000, 0.0000,

0.3269

0.0000

268.3735, 0.3289,
0.3271

■ 34.3029, 0.3450,
0.3249

■ 34.3029, 0.3450,
0.3249

■ 28.3703, 0.3687,
0.3225

■ 41.2384, 0.3259,
0.3272

■ 23.3899, 0.3978,
0.3202

■ 49.2154, 0.3106,
0.3293

■ 19.3134, 0.4329,
0.3182

■ 58.2760, 0.2982,
0.3313

■ 16.0865, 0.4737,
0.3168

■ 68.4585, 0.2882,
0.3330

■ 13.6492, 0.5184,
0.3164

■ 79.7997, 0.2801,
0.3347

■ 11.9334, 0.5628,
0.3176

■ 88.8397, 0.2728,
0.3304

■ 10.8597, 0.6007,
0.3205

■ 88.9302, 0.2721,
0.3289

■ 10.2979, 0.6269,
0.3242

■ 10.2289, 0.6301,
0.3245

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.3029, 0.3272, 0.3086



34.3029, 0.3450, 0.3249



34.3029, 0.3539, 0.3428

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.3029, 0.3450, 0.3249



34.3029, 0.3184, 0.3634



34.3029, 0.2753, 0.2993

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.3029, 0.3450, 0.3249



44.0997, 0.2875, 0.3332

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.3029, 0.2732, 0.3130



34.3029, 0.3450, 0.3249



34.3029, 0.2976, 0.3508

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.3029, 0.3450, 0.3249



34.3029, 0.3382, 0.3657



34.3029, 0.2812, 0.3320



34.3029, 0.2870, 0.2939

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.3029, 0.3450, 0.3249



34.3029, 0.3535, 0.3534



34.3029, 0.2812, 0.3320



34.3029, 0.2734, 0.3031

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.3044, 0.3450, 0.3249



78.0193, 0.3220, 0.3277



35.0493, 0.3115, 0.2835



16.6265, 0.3230, 0.3276



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.3044, 0.3450, 0.3249



57.7901, 0.3536, 0.3240



38.8005, 0.3448, 0.3477



9.0249, 0.3274, 0.3270



7.0545, 0.6283, 0.3235



0.2531, 0.5869, 0.3007

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.3044, 0.3450, 0.3249



57.7901, 0.3536, 0.3240



38.8445, 0.2843, 0.3095



9.0249, 0.3274, 0.3270



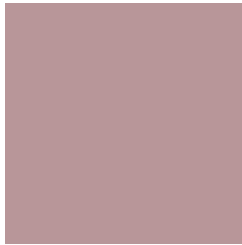
7.0545, 0.6283, 0.3235



0.2531, 0.5869, 0.3007

Previews

White Background



This preview shows how the Yxy color 34.3029, 0.3450, 0.3249 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.3029, 0.3450, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

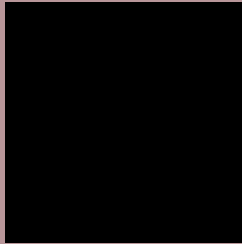
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.3029, 0.3450, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 34.3029, 0.3450, 0.3249.



This preview shows how white text looks on a background with the Yxy color 34.3029, 0.3450, 0.3249.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.3029, 0.3450, 0.3249

Protanopia

34.4651, 0.3165, 0.3305

Deuteranopia

34.2796, 0.3371, 0.3305



Tritanopia

34.3472, 0.3392, 0.3140

Trichromacy



Original Color

34.3029, 0.3450, 0.3249

Protanomaly

34.2780, 0.3257, 0.3276

Deuteranomaly

34.3072, 0.3404, 0.3291

Tritanomaly

34.2435, 0.3422, 0.3181

Monochromacy



Original Color

34.3029, 0.3450, 0.3249

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0176, 0.3236, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3029, 0.3450, 0.3249 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 150, 153)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 150, 153) }
```

Border

The CSS property to change the border of an element to Yxy 34.3029, 0.3450, 0.3249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 150, 153) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 150, 153) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 150, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 150,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3029, 0.3450, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 150, 153) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
150, 153) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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